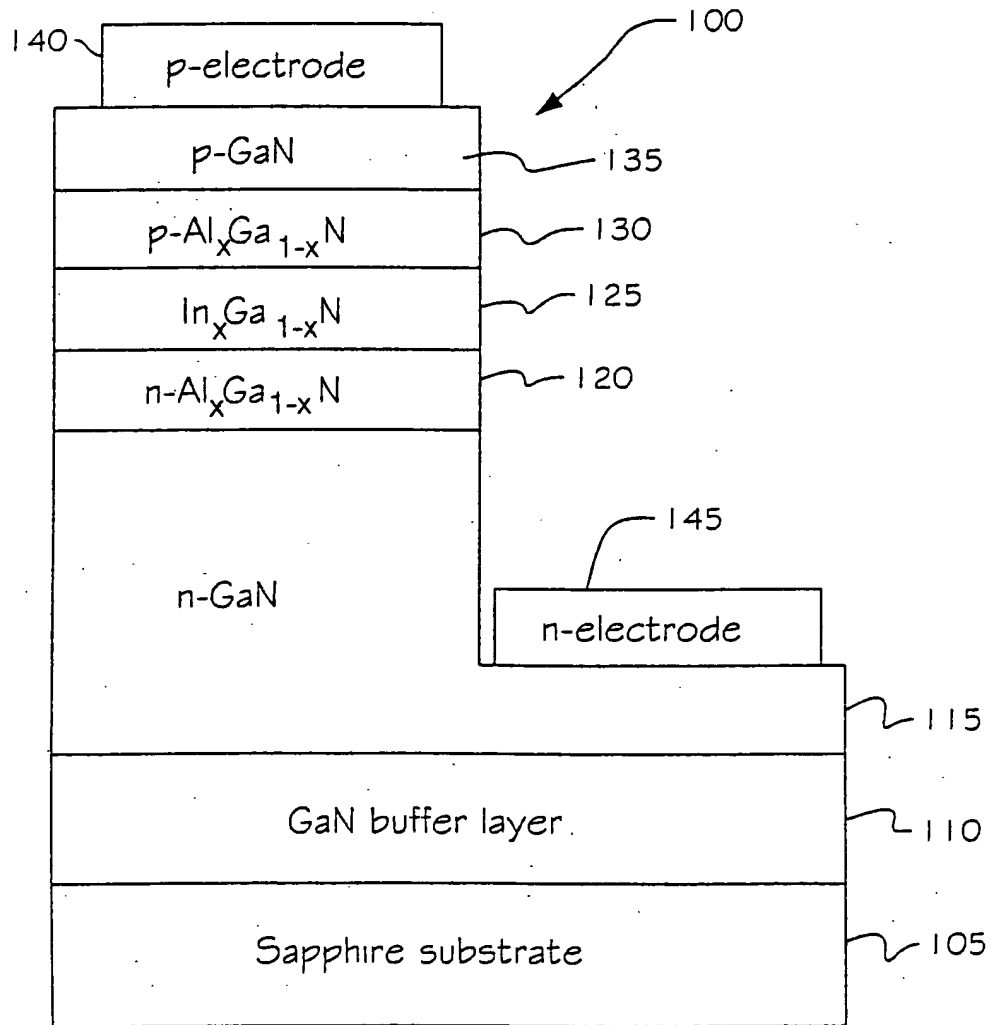




FIG. 1(a)



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FIG. 1(b)

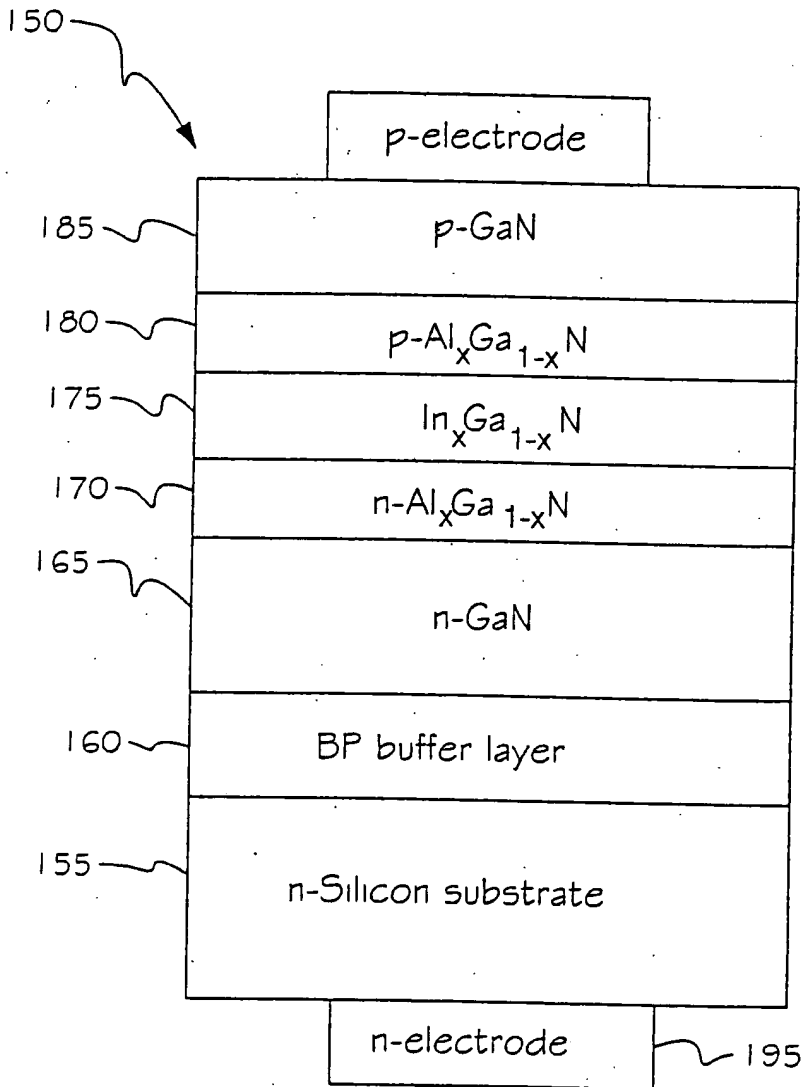


FIG. 2 (a)

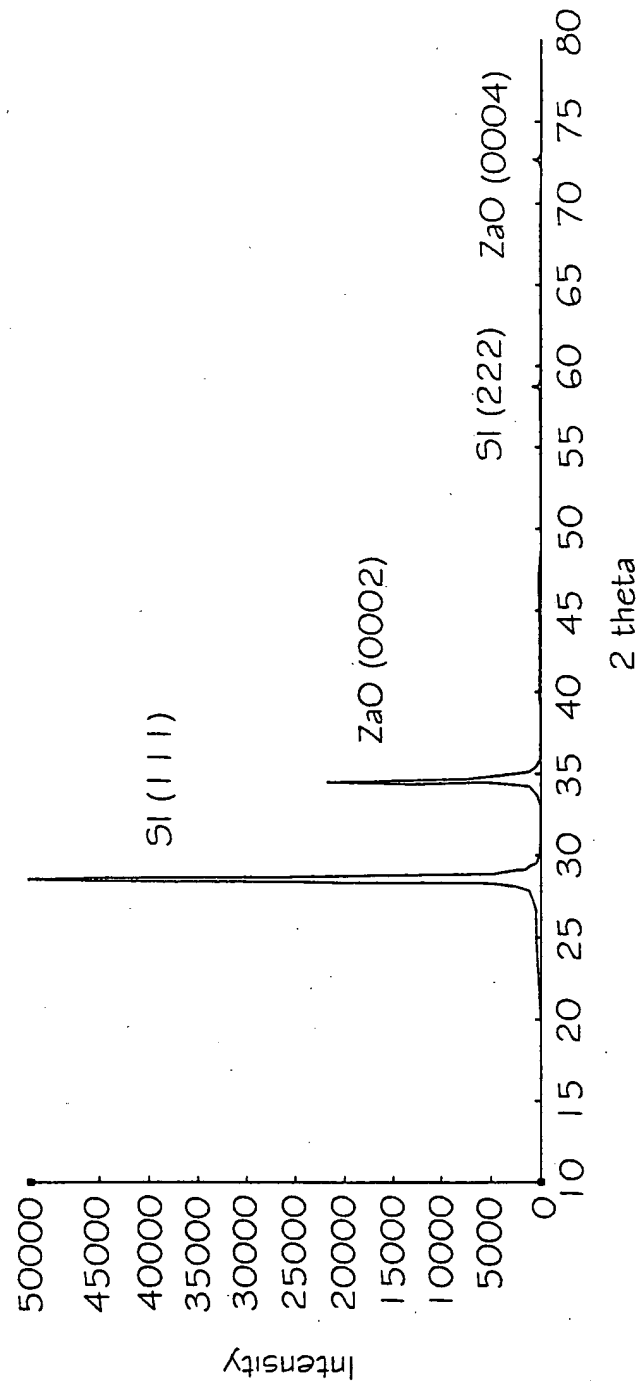


FIG. 2 (b)

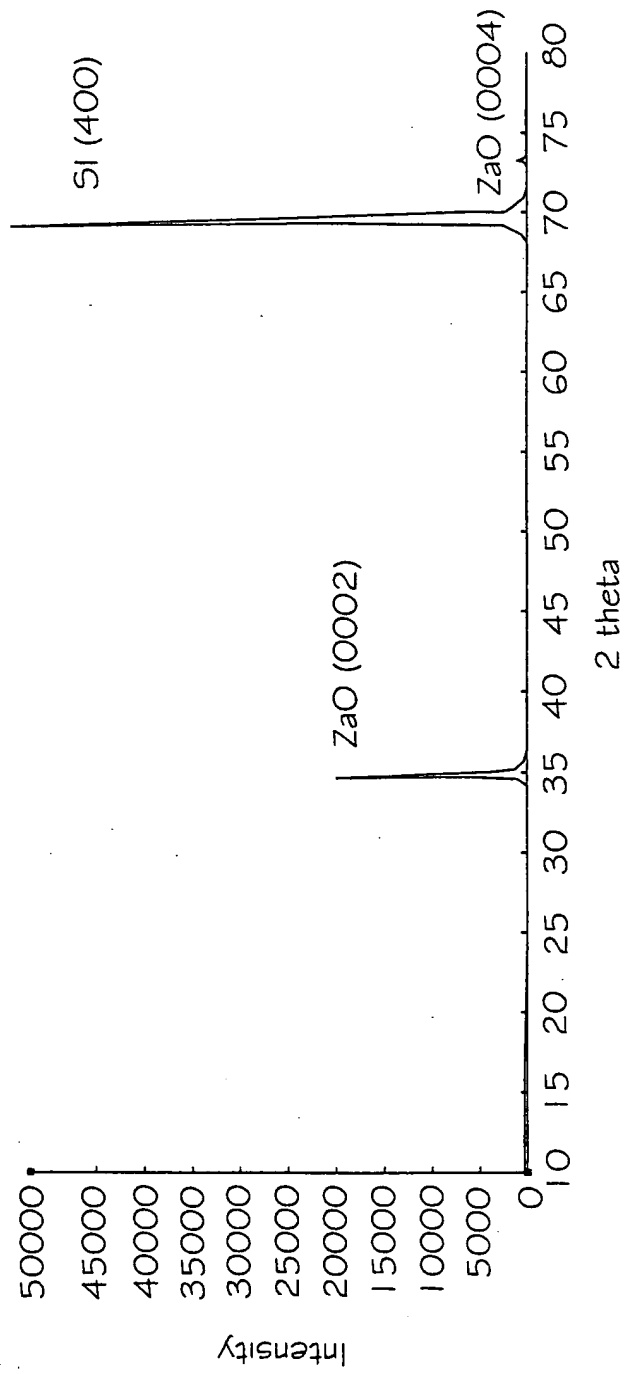


FIG. 4(a)

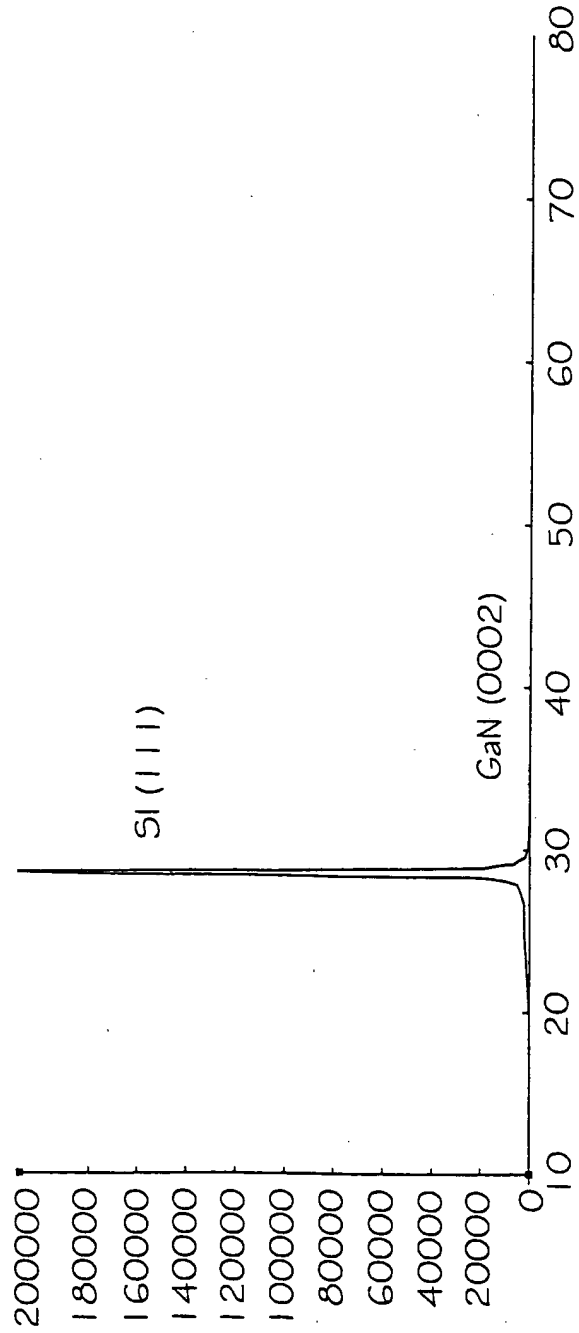
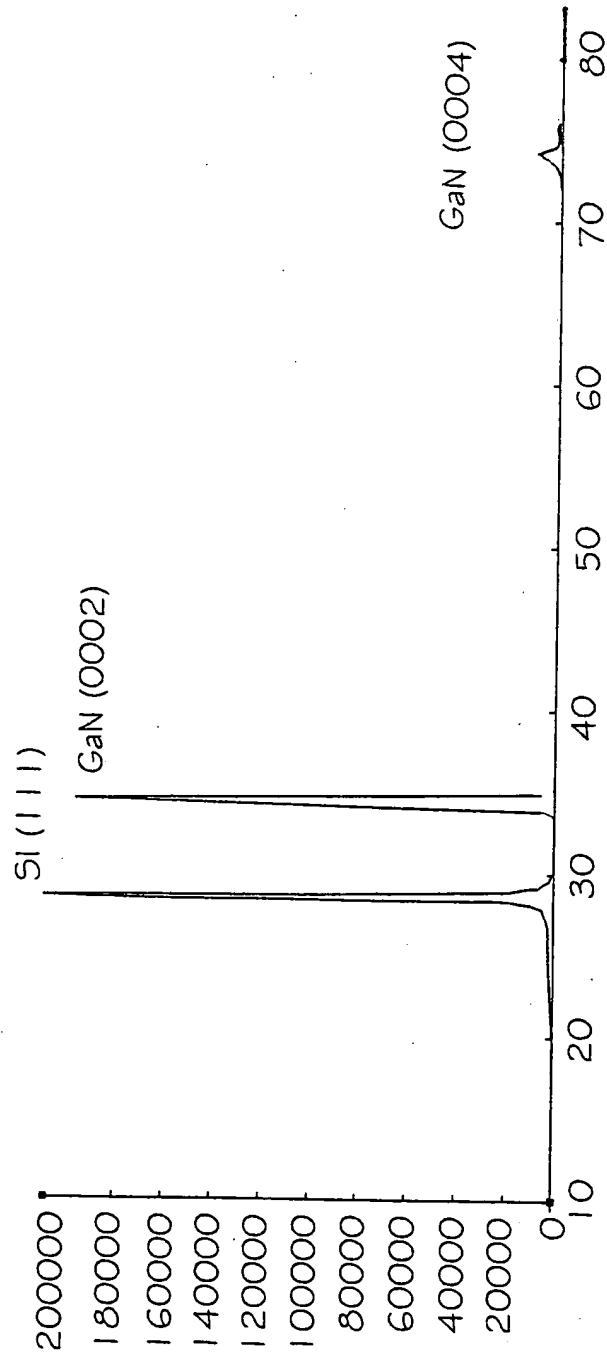


FIG. 4 (b)



Room Temperature PL of GaN/ZnO/Si

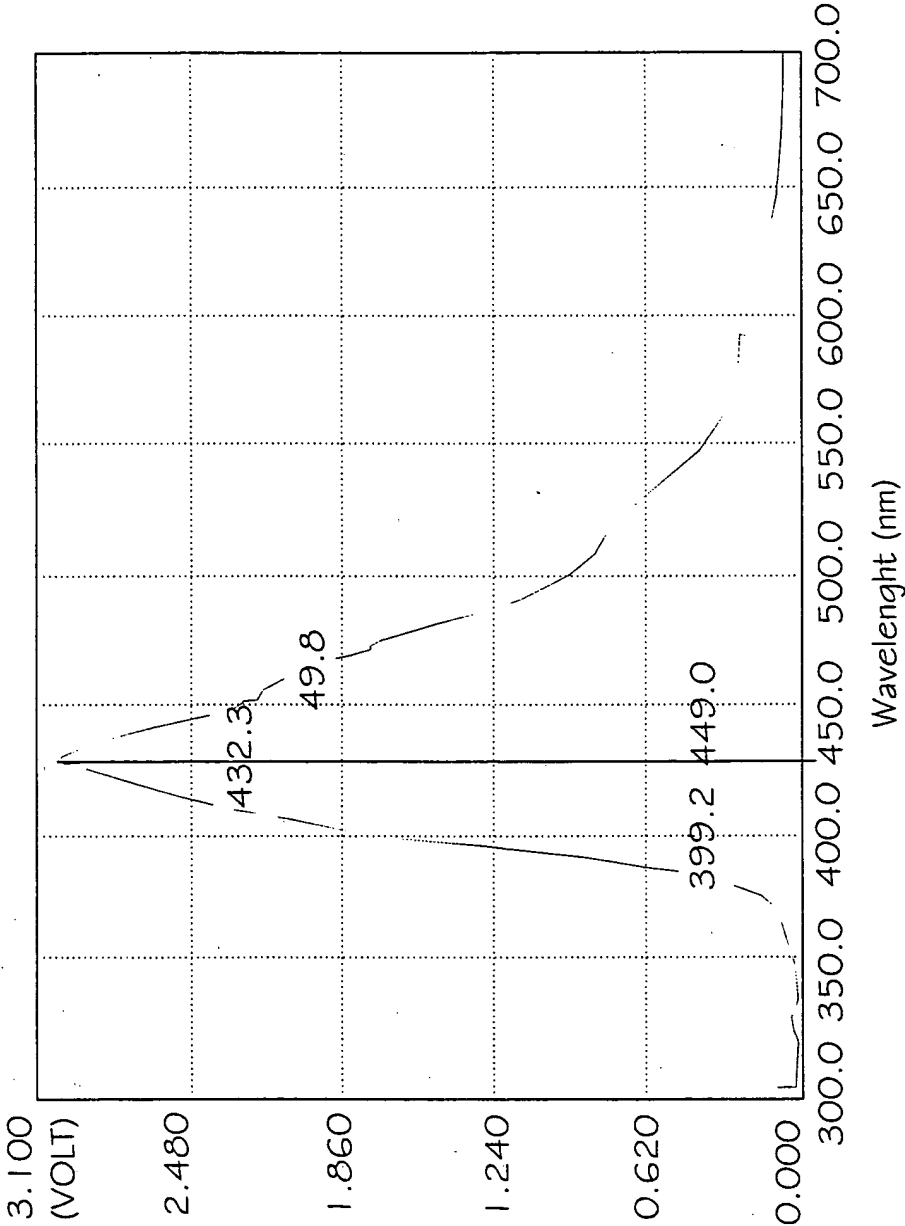


FIG. 8 (a)

PL spectrum of GaN/ZnO/Si

Room Temperature PL of GaN/ZnO/Si

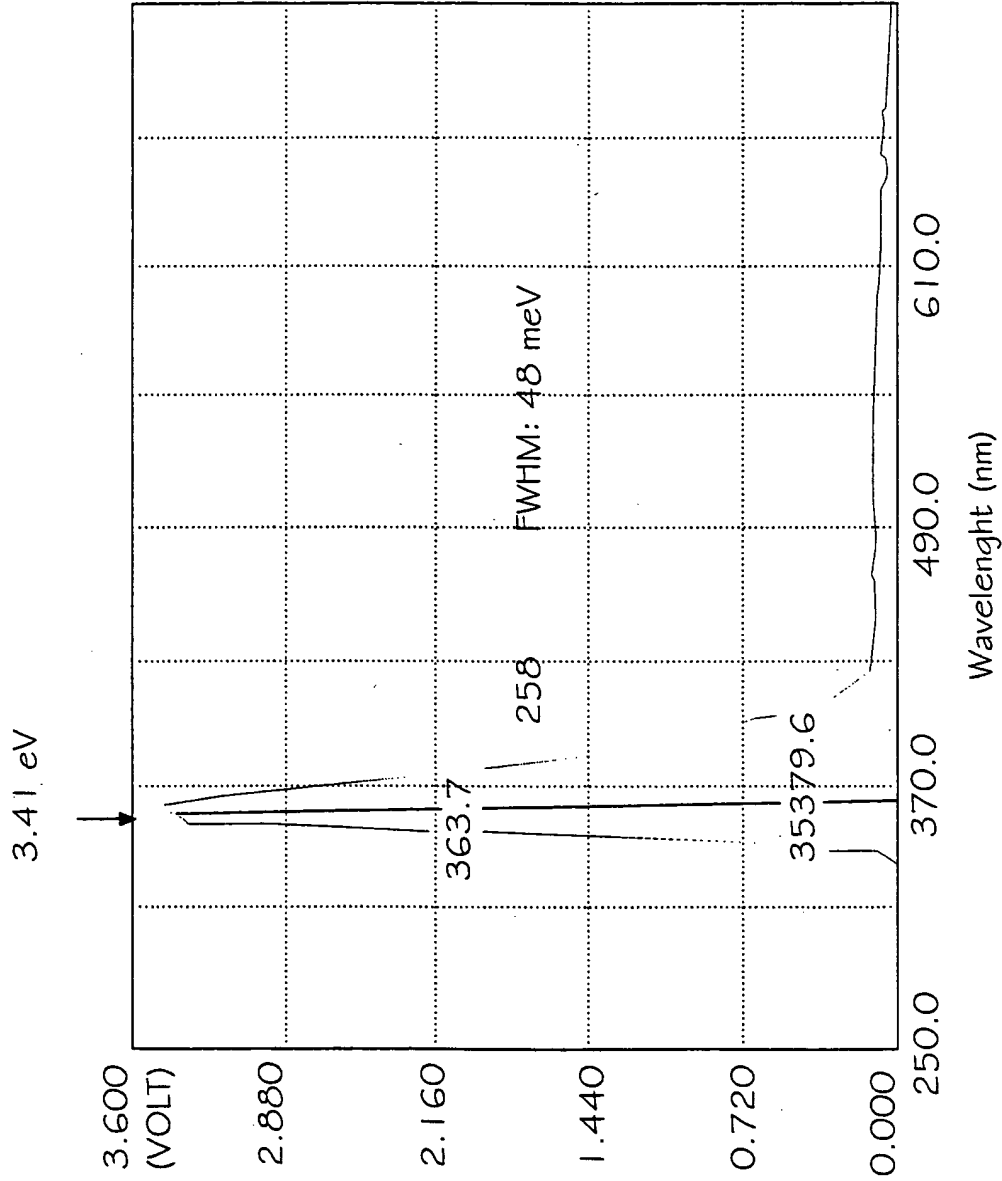


FIG. 8 (b)

PL spectrum of GaN on bare Si